

ABSTRACT OF THE DISCLOSURE

A Safety Arteriovenous Fistula (AVF) winged safety needle device provides a safety feature including a protective shield with handling wings, which when placed in cooperating relationship, allows accommodation of a blood collection needle and a hub. The Safety AVF provides a reliable and user friendly first releasable locking mechanism in an insertion position and a second unreleaseable locking mechanism in a protected position. The Safety AVF also allows for rotation of the needle after cannulation in order to maximize blood or fluid flow to or from a vessel.